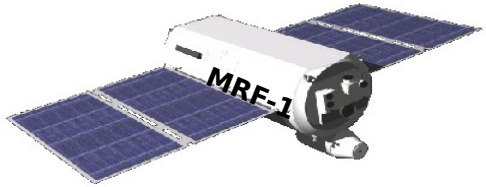
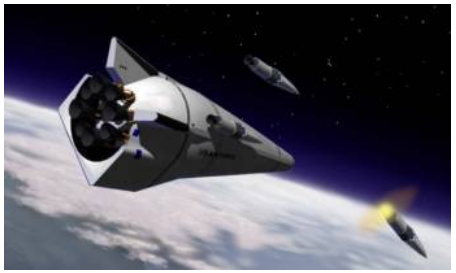


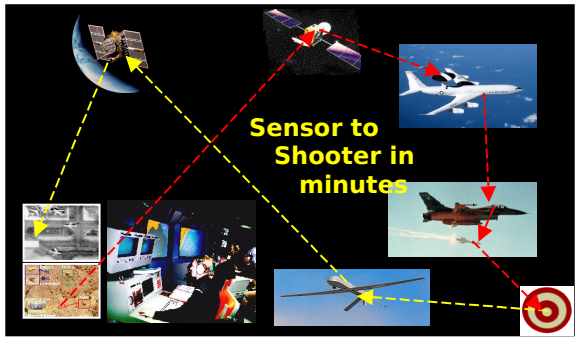
Development & Transformation Directorate

SMC/TD

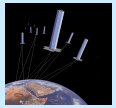
Mission

Transform military use of space, providing responsive capability for space access, on-orbit payloads, weapons in space

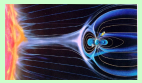




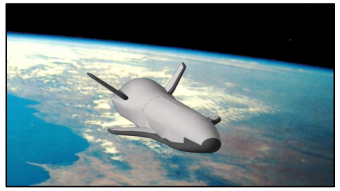
C4ISR

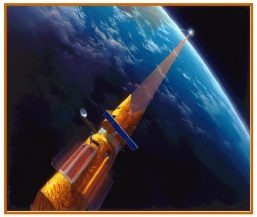


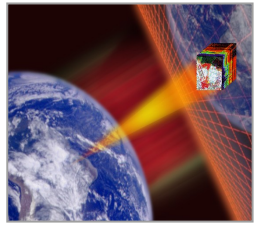
Defens



Offens

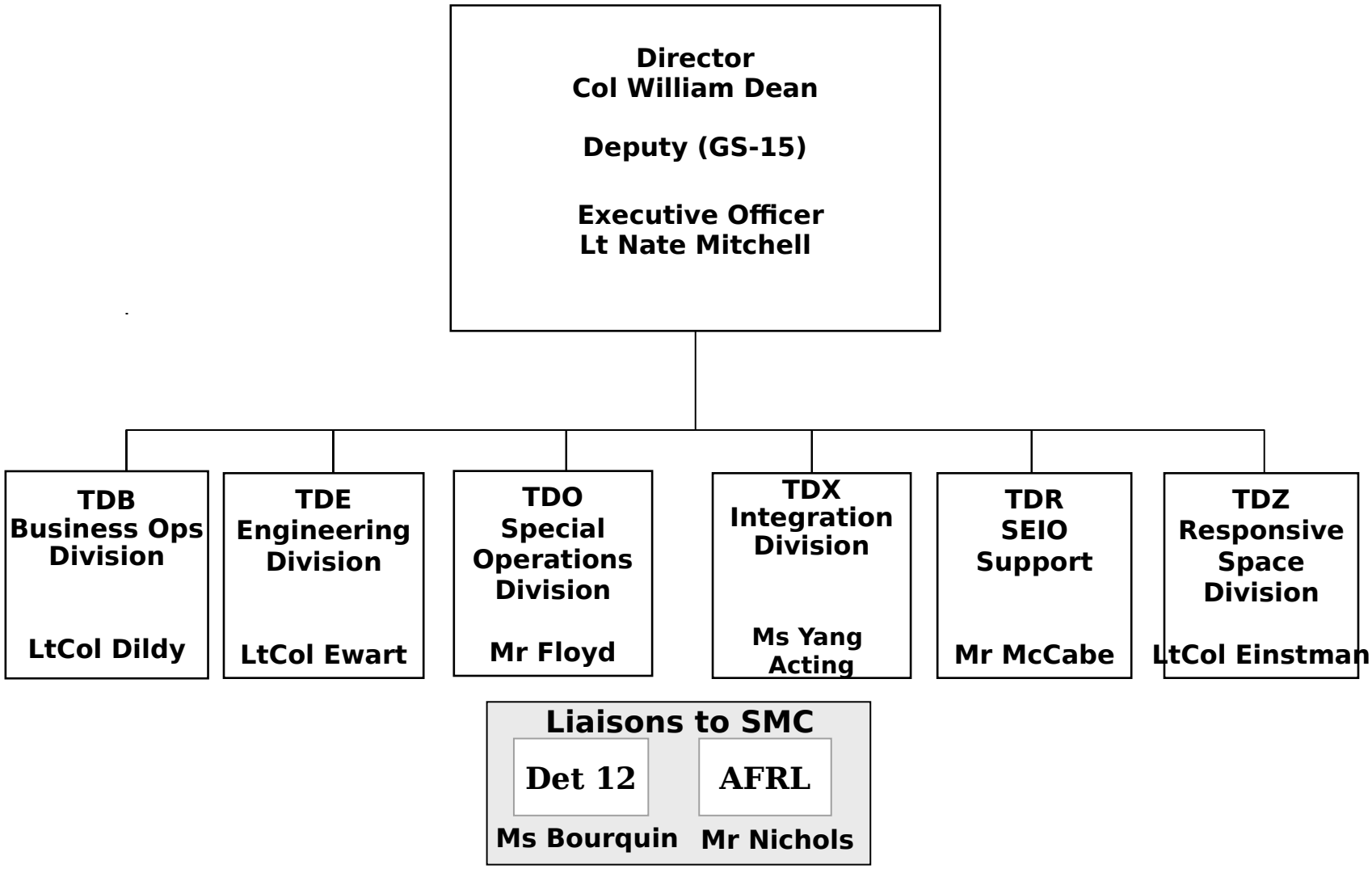




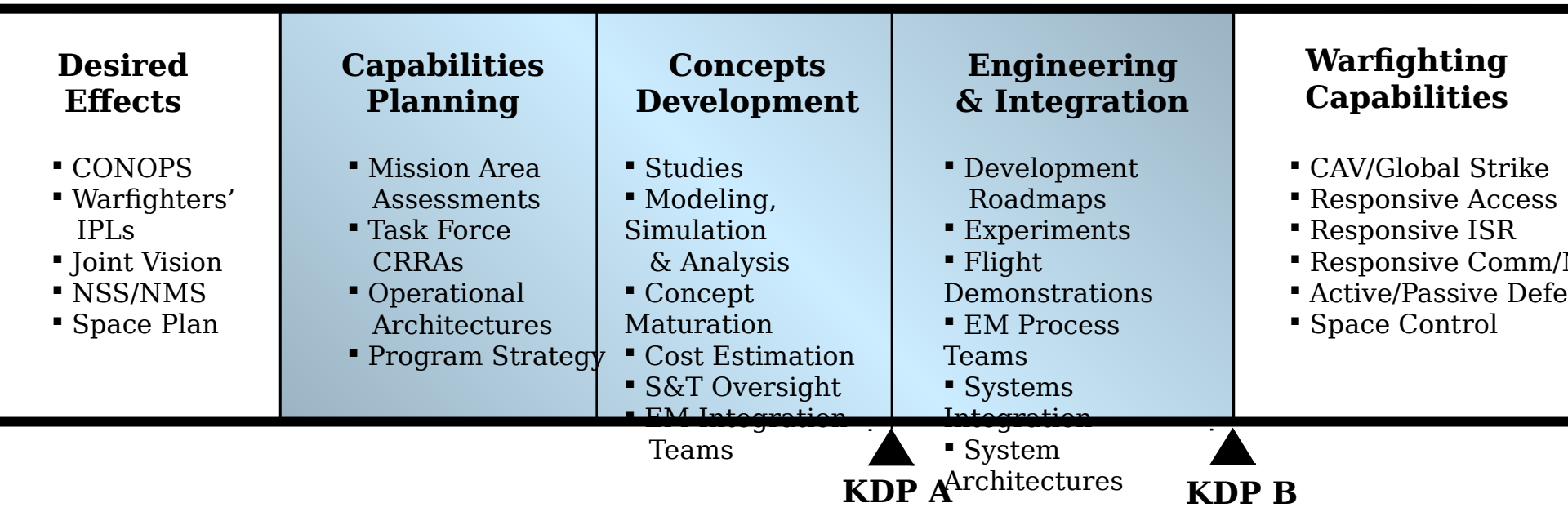


Providing Responsive Space Capabilities

Organization

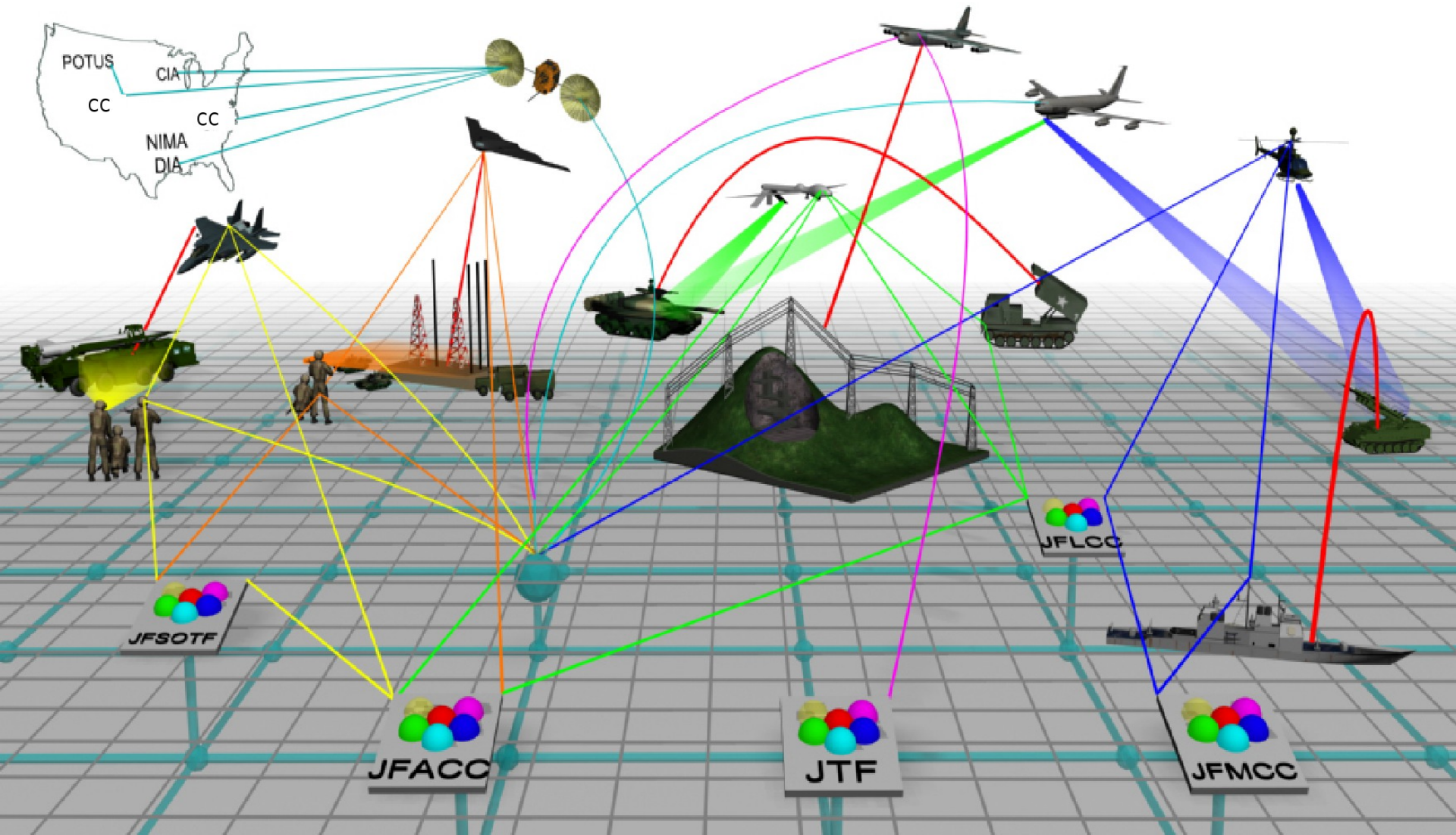


What We Do



Linking Effects to Space Capabilities

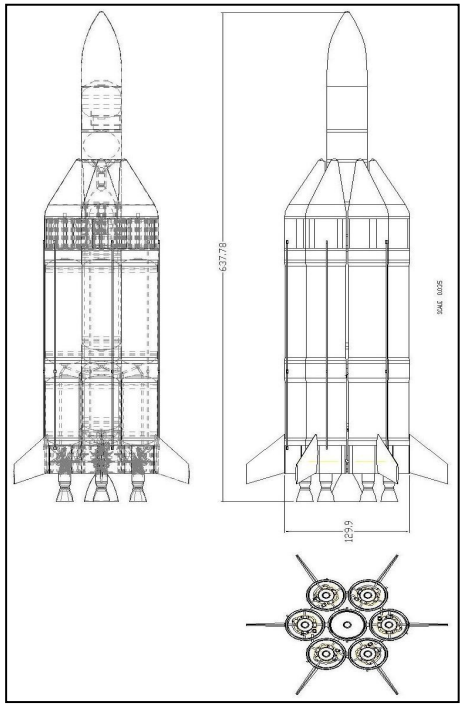
Responsive Space/ Joint Warfighting Space



Responsive Space

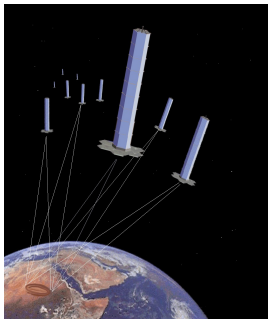
Develop and Validate, through Demonstrations, Technologies that will Enable Both Near-term and Far-term Capabilities Enabling Transformational <u>Prompt Global Strike</u> and Demonstrating <u>Affordable and Responsive Space Lift</u>

Engineering Integration/ Concepts Development



GLOW: 78,500 lbs
Height: 50 ft
Diameter: 11.2 ft

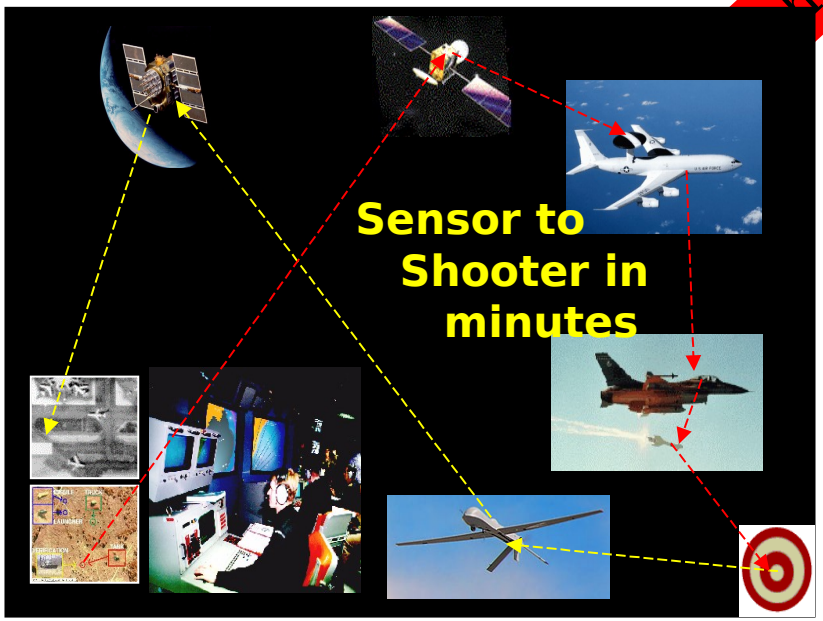
- **Engineering Integration**
  - **Maturation and risk reduction of concepts through experimentation and demonstration leading to successful KDP A/B decisions**
- **Concepts Development**
  - **Develop responsive space concepts and perform concept costing to generate options for subsequent engineering trades &**



Contact: Lt. Col. Roberta Ewart (TDE)
(310) 363-5423
Roberta.Ewart@LosAngeles.af.mil

Capabilities Planning

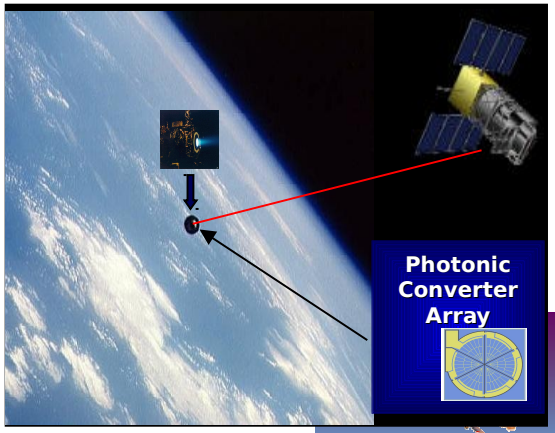
- **Description:**
  - **Situational awareness of all mission area needs, task force risks/gaps, combatant commander requirements, and national security space vision to craft a roadmap for responsive space systems**



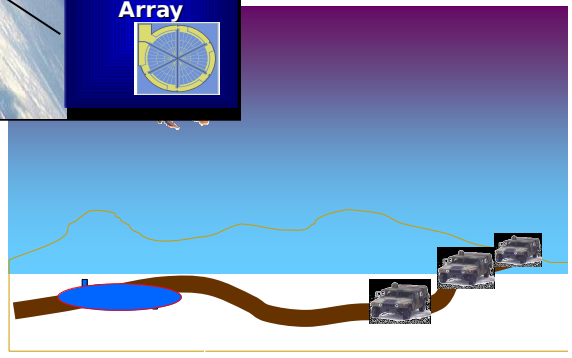
Contact: Ms Grace Yang (TDX)
(310) 363-3954
Grace.Yang@LosAngeles.af.mil

Special Projects

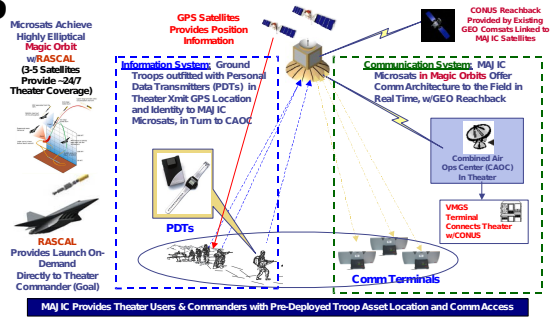
- **Description**
  - **Develop advanced concepts across all mission areas and across security boundaries to the point that "Decision Makers" can determine the viability of these concepts and their military utility based upon concept capabilities/CONOPS**



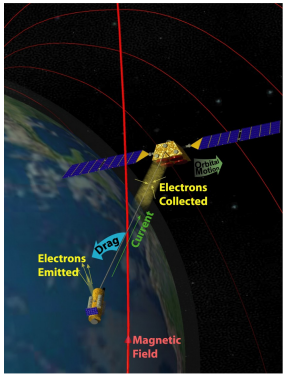
SPIDER



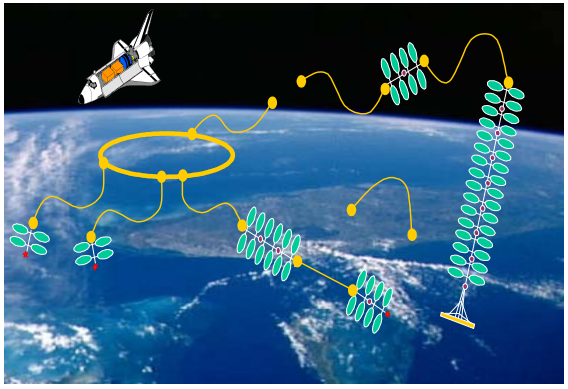
WIZARD



Blue MAJIC



VECTOR



Distributed Satellite Architectures

Please…Take Our Card!

SMC/TD - Transforming Space Enterprise Capabilities